

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): ~~Method~~ A method of forming a plasma intended for the chemical treatment of substances, in which at least two electrodes and a layer of dielectric material located between the two electrodes are placed in a chamber in order to form plasma glow discharges, the method ~~being characterized in that~~ comprising introducing a controlled flow comprising oxygen ~~is introduced~~ into the chamber, the controlled flow during its introduction into the chamber containing none of the substances to be treated.

Claim 2 (Currently Amended): ~~Method~~ The method according to Claim 1, ~~in which~~ wherein the electrodes are of concentric cylindrical geometry.

Claim 3 (Currently Amended): ~~Method~~ The method according to Claim 1, ~~in which~~ wherein at least one of the electrodes is covered with a dielectric layer comprising alumina.

Claim 4 (Currently Amended): ~~Use of the plasma obtained by Claim 1~~ A method for decomposing toxic substances comprising treating the toxic substances with the plasma formed by the method of Claim 1.

Claim 5 (Currently Amended): ~~[[Use]]~~ The method according to ~~the preceding claim,~~ ~~in which~~ Claim 4, wherein the toxic substances comprise organochlorines.

Claim 6 (Currently Amended): ~~Use of a plasma that can be obtained by the method according to Claim 1~~ A method for decomposing toxic organochlorine substances in the

liquid or solid state comprising treating the toxic organochlorine substances with the plasma formed by the method of Claim 1.

Claim 7 (Currently Amended): ~~[[Use]]~~ The method according to ~~the preceding claim in which~~ Claim 6, wherein the toxic substances are in the solid state.

Claim 8 (Currently Amended): ~~[[Use]]~~ The method according to ~~any one of Claims 4 to 7, in which~~ Claim 4, wherein the plasma includes water.

Claim 9 (Currently Amended): ~~[[Use]]~~ The method according to ~~any one of Claims 4 to 7, in which~~ Claim 4, wherein the CO₂ produced during decomposition of the toxic substances is measured.

Claim 10 (Currently Amended): ~~Device~~ A device for forming a plasma, comprising at least two electrodes located in a chamber, in order to form plasma glow discharges, and means for introducing a controlled flow of oxygen-containing gas into the chamber, ~~the device being characterized in that~~ wherein at least one of the electrodes is covered with a dielectric layer comprising alumina.